		Exploring the E	ytreme		
		2007 Scien			
Model Content Standards					
Colorado Science		ouci ocincin o			
Grades K-2					
Activity/Lesson	State	Standards			
Finding the Center of			students will ask questions and make		
Gravity Using Rulers	CO	SCI.K-2.1.2	predictions		
			conduct simple experiments using tools and		
Finding the Center of		00116040	technology (for example: computers,		
Gravity Using Rulers	CO	SCI.K-2.1.3	thermometers, magnifiers, rulers, balances)		
		Exploring the E	xtreme		
2007 Science					
Model Content Standards					
Colorado Science					
Grades 3-5					
Activity/Lesson	State	Standards			
			design, plan and conduct a variety of simple		
			investigations (for example: formulate a		
			testable question, state a hypothesis, make		
Finding the Center of			systematic observations, develop and		
Finding the Center of Gravity Using Rulers		SCI.3-5.1.1	communicate logical conclusions based on evidence)		
Gravity Gaing Rulers		001.0 0.1.1	design, plan and conduct a variety of simple		
			investigations (for example: formulate a		
			testable question, state a hypothesis, make		
Finding the Center of			systematic observations, develop and		
Gravity Using Plumb			communicate logical conclusions based on		
Lines	СО	SCI.3-5.1.1	evidence)		
			design, plan and conduct a variety of simple		
			investigations (for example: formulate a		
			testable question, state a hypothesis, make		
Changing the Center			systematic observations, develop and		
of Gravity Using		001	communicate logical conclusions based on		
Moment Arms	СО	SCI.3-5.1.1	evidence)		
Changing the Center			objects have physical properties that can be		
of Gravity Using	CO	SCI 2 5 2 4	measured (for example: length, mass,		
Moment Arms	СО	SCI.3-5.2.1	volume and temperature)		
			design, plan and conduct a variety of simple		
			investigations (for example: formulate a testable question, state a hypothesis, make		
			systematic observations, develop and		
			communicate logical conclusions based on		
Jet Propulsion	со	SCI.3-5.1.1	evidence)		
Jet Propulsion	CO	SCI.3-5.1.1	evidence)		

	1		
			select and use appropriate tools and
			technology to gather and display (for
			example: graphs, charts, diagrams)
			quantitative and qualitative data related to an
			investigation (for example: length, volume,
			and mass measuring instruments,
			thermometers, watches, magnifiers,
Vectoring	CO	SCI.3-5.1.2	microscopes, calculators, and computers)
			objects have physical properties that can be
Center of Gravity,			measured (for example: length, mass,
Pitch, Yaw	CO	SCI.3-5.2.1	volume and temperature)
		Francisco de a F	
		Exploring the E	
		2007 Scien	
0.1		Model Content S	tandards
Colorado Science			
Grades 6-8			
Activity/Lesson	State	Standards	
			use appropriate tools, technologies and
l <u>-</u>			metric measurements to gather and organize
Jet Propulsion	СО	SCI.6-8.1.2	data and report results
			communicate results of their investigations in
		0010010	appropriate ways (for example: written
Vectoring	СО	SCI.6-8.1.6	reports, graphic displays, oral presentations)
			models can be used to predict change (for
		201.00 - 4	example: computer simulation, video
Vectoring	СО	SCI.6-8.5.4	sequence, stream table)
			models can be used to predict change (for
Center of Gravity,			example: computer simulation, video
Pitch, Yaw	CO	SCI.6-8.5.4	sequence, stream table)